

Harsha Richard

Phone: 603-521-0748

Mail: harsharich@gmail.com

Skills Synopsis

| | |
|--------------------------|--|
| Cloud Applications: | Identity Cloud Service (IDCS), Azure AD & graph API ,Oracle HCM Cloud, Oracle ERP Cloud, Oracle Cloud Services (IaaS, BareMetal, DBCS, JCS, SOACS) , Oracle HCM REST API |
| Application Security: | In-depth knowledge of Identity Management Suite manages identity lifecycle processes, Application Roles Provisioning, Manage person security profiles. Certificate Management (PGP/x509 certificates) for data encryption and decryption. Advanced Data Security (Database Vault for HCM), Transparent Data Encryption (TDE for HCM) Oracle Break Glass for Fusion Cloud Service (Oracle Privileged Access Manager (OPAM) and Credential Store Framework (CSF)) |
| IDM / Fusion Middleware: | Oracle Identity manager (OIM), SAILPOINT IDENTITYIQ 8 , Ping Federation , PingAccess,PingID, Oracle Access manager(OAM) ,Oracle Virtual Directory (OVD), Oracle Identity Federation (OIF), Oracle Unified Directory (OUD), Oracle Internet Directory (OID), and Oracle Virtual Directory (OVD), Oracle Business Intelligence Enterprise Edition (OBIEE), Weblogic, SOA Suite, WebCenter Suite, Oracle Portal, Oracle Content Server |
| Microsoft: | Microsoft AD, exchange account management, Microsoft Azure graph API , power shell CMDLETS ,Azure AD user/group/license management |
| Oracle Databases: | Oracle Database version 9i/10g/11g/12c/18/19c , Database Enterprise user security (EUS - SSO) , Advanced Security Option (ASO), RAC, RMAN, Database Vault, Transparent Data Encryption (TDE) |
| Application Versions: | E-Business Suite 11.5.x, 12.0.x, R12.1.x, R12.2.x, Fusion Apps (11.1.X), Fusion apps 11.1.5 Financials and HCM suite. |
| Other Technical Skills: | Java , Microsoft PowerShell ,REST API , SQL*Plus, SQL-Plus scripts, LDAP, MS Office XLAs Power Builder, Microsoft Project, Discoverer, Korn Shell scripts, SQL*Loader, Oracle Forms, Oracle Reports, OEM/Grid Control, Linux, HP-UX, IBM AIX, Sun Solaris, MS Windows Operating Systems |

Experience Summary

- Fusion Identity and Security professional with over 14 years' experience in architecture and deploying Oracle Fusion Middleware, Oracle Fusion Applications , Oracle Identity and Access Management suite, SAILPOINT IDENTITYIQ 8 ,Weblogic Application Server, Oracle Database Management systems, LDAP Directories, Single/Reduced Sign-On (SSO), Provisioning and Identity Workflows, Access Management, RBAC (Role-Based Access Control), Compliance and Auditing Technologies, Federated Identity/Federation, Enterprise System Architecture, Security Infrastructure Design, Authentication and Authorization technologies, as well as custom-built security and technology frameworks.
- Proficiency in LDAP, worked on Microsoft AD, Azure AD, OID (Oracle internet directory) , OUD (oracle unified directory) ,OVD (Oracle virtual directory) ,OUD Proxy setup
- Proficiency in Identity Cloud Service (IDCS), configure user & groups, Provisioning user automation via OIM connector, Setup trusted partner in IDCS for OAuth/SAML2 protocol
- Proficiency in Oracle Fusion Applications, In-depth knowledge of OIM (oracle identity Manager suite) Creating Users, HCM

Data Roles, Provisioning Roles, Person Security Profiles. Certificate Management (PGP/x509 certificates) for data encryption and decryption. Advanced Data Security (Database Vault for HCM), Transparent Data Encryption (TDE for HCM). Oracle Break Glass for Fusion Cloud Service (Oracle Privileged Access Manager (OPAM) and Credential Store Framework (CSF))

- Proficiency in Oracle EBS upgrades from various versions (11.0.3, 11.5.x, 12.1.x, R12.2.X), ADOP online patching. Proficiency in enabling SSL for EBS, Enabling SSO, and Enabling advanced Security Option (ASO) for TNS traffic encryption, Enable Custom Concurrent program, Configure PCP (Parallel Concurrent processing), Upgrade JDK, JRE version, Load balancer setting, architect DMZ configuration for various i-modules, Configuration/setup i-module on DMZ & mobile app.
- Proficiency in Oracle Database Upgrades (9i/10g/11g/12c) & database security ,Enterprise user security (EUS) to provide secure SSO connections using certificates, Kerberos authentication , Active directory credentials , Enabling advanced Security Option (ASO) for TNS traffic encryption ,Proficient in RMAN tools, RAC configuration and shared storage
- Proficiency in integrating and providing Federation SSO solution between all Oracle products and enterprise applications and in handling large Oracle databases and Directory servers such as Oracle Internet Directory/Virtual Directory (OID/OVD), Microsoft Active Directory (AD) or other LDAP server, have keen knowledge of Oracle Applications EBS (11i / R12) System. This understanding includes configuration as well as integration, upgrading, migration and patching of Oracle Identity and Access management suite (Oracle Internet Directory, Oracle Identity manager, Oracle Access manager ,Oracle Virtual Directory, Oracle Identity Federation) ,Oracle Database Server, Oracle Applications 11i / R12, Oracle Application Server/ Weblogic Server, Microsoft Active directory AD . Understanding and knowledge further includes handling of database on RAC, ASM, and Data Guard.
- Proven technical leadership skills include the ability to manage projects. Persuasive verbal and written communication skills compliment a proven ability to multi-task, maintain an organized approach, and ensure success - even when faced with high-pressure or high-risk situations.
- Engagements within many large-scale environments, both public and private, as a consultant including McDonalds.com, Advantage Sales & Marketing, Tekelec, Iron Mountain, Staples Inc, University of Chicago Medical Center, Hertz Corporation. User populations have fluctuated from a few hundred to an excess of 1 million users.

Professional Experience

Biotechnology company

May 2020 – Present

Role: IAM engineer, Oracle Apps DBA

Roles & Responsibilities:

- Oracle Access manager & IAM suite upgrade to 12c
 - Upgraded all the existing Oracle OAM to 12c
 - Upgraded existing OID to 12c
 - User provisioning & synchronization from AD to OID
 - SSO integrations with all below oracle products
 - Oracle BI
 - Oracle Hyperion
 - Oracle EBS R12.2.9
 - Mark View (Kofax) application
 - Oracle Agile (PLM)
- SSO OAM integration with OKTA for all oracle applications
 - Analyze oracle product for SAML federation SSO
 - On-boarding the oracle application on to OAM & IDCS federation SAML SSO
 - On-boarding the header-based application to OAM using web-gates
 - SAML assertion debugging & SSO issue troubleshooting
 - Support SSO issue with applications (Azure SSO, Oracle EBS , Siebel SSO issues , Salesforce, OBIEE, up to 30 3rd party multiple SAAS SSO application)
- OKTA Migration support

- OKAT NIGX proxy setup (access gateway)
- Migrate internal oracle application to OKTA POC
- OIM (Oracle Identity Manager) POC
 - Custom connector for Azure graph API
 - Custom Connector for Power shell
 - Oracle EBS user & role provisioning
 - IDCS users provisioning

IdentityNest

May 2018 – May 2020

Role: IAM engineer, Identity Access Management team

Roles & Responsibilities:

- **SYNEOS health –Raleigh, NC (Remote), Role: IAM support engineer.**
 - OIM (Oracle Identity Manager)
 - Custom connector for Azure graph API
 - Custom Connector for Power shell
 - Oracle EBS user & role provisioning
 - IDCS users provisioning
 - Day today user provisioning
 - DBAT connector with PSFT HR
 - User & role provisioning to 23 AD (active directory) domains
 - AD JNDI adapter for running custom sync
 - SSO OAM integration with Azure for all new applications, SSO protocol for SAML federation/OAuth/Header base applications
 - Analyze new product for SAML federation SSO
 - On-boarding the new application on to OAM & federation SAML SSO
 - On-boarding the header-based application to OAM using web-gates
 - SAML assertion debugging & SSO issue troubleshooting
Support SSO issue with applications (Azure SSO ,Oracle EBS , Siebel SSO issues , Salesforce, OBIEE, up to 30 3rd party multiple SAAS SSO application)
 - AD connector & adapter for users & group management
 - JNDI API to provision users into AD & groups management
 - PowerShell Custom adapter for Exchange mail provisioning for below type of mail recipient.
 - Regular user mailbox
 - Linked user mailbox
 - Mail User enabled mailbox
 - PowerShell Custom adapter for Azure AD group management
 - Azure REST API adapter for all 0365 provisioning & license detailed reporting framework
 - Excel reporting framework.
 - Custom connector for Azure graph API
 - Custom Connector for Power shell
 - Oracle EBS user & role provisioning
 - IDCS users provisioning
 - Manage LDAP directories, managing Microsoft AD, Azure AD, OID (Oracle internet directory)

- Day to day activities for user/group related issues
- Create User group reporting to L1 support team
- Java JNDI API to manage LDAP users & groups
- user management & group management
- LDAP user & group reporting scripts
- Extend LDAP schema & attribute
- Create plugins in LDAP, unique constraints rules
- Configure LDAP Access Control Lists (ACLs)
- Tuning large group entries, cleanup
- Create & deliver UNIX shell scripts for L1 support team
- LDAP tools (LDAP search/modify/mod DN)
- Debug any LDAP related issues on users & groups
- LDAP synchronization across various products, sync data between AD, AAD to OUD, OID.
- LDAP Provisioning profiles to push data
- LDAP Password policy & profiles
- LDAP password external authentication
- Power shell scripting to manage Azure AD & Microsoft AD
- REST API to manage Azure AD user & group managements
- Manage reporting, Create & manage BI reports
 - Day to day activities user access issue with BI reports
 - Provide User access to reports
 - Create roles in OBIEE & provide access to reports
 - Create complex user audit reports for SOX team & Compliance teams
 - Create reports for daily Peoplesoft HR feed audit on what changed
 - BI SQL report debugging
 - OBIEE SSO setup using OAM & SAML authentication
 - OBIEE integration with OID & OID groups for authentication
 - Create OIM BI reports

Cognizant Technology solutions

October 2005 – May 2018

Role: Fusion Security, Identity Access Management team

Roles & Responsibilities:

- Review existing security layout & prepare security assessment reports.
- Provide recommendations on application and data security aspects
- Identify security integration/extensions requirements for identity & role management
- SSO OAM/IDCS for all enterprise applications, SSO protocol for SAML federation/OAuth/Header base applications
- Develop technical architecture for SAILPOINT IDENTITYIQ 8
- Worked integration of EBS with PING access & federation via access gate
- Worked with migration of existing web-gate application policy to PING access
- Federation integration with PING as Identity provider & oracle IDCS as SP provider
- Develop technical architecture for Oracle Fusion Middleware IDM 11.1.1.6 & IDM 11gR1 / 11gR2 /R12
- Requirement gathering for any Custom OIM adapter

- Develop and configure any Custom OIM adapters and connectors
- Requirement gathering for use case - Application authentication, authorization and identity provisioning.
- Identify provisioning target system (AD, Exchange, EBS, DB, Flat file, People-soft) and design the required adapters and connector in OIM.
- Develop Web services for any integration with SOA and IDM
- Develop SOA composite and workflow for identity approval and self-service integration
- Supported Federation integration with various products (OIF / ADFS)
- Install and configure Oracle Fusion Identity and Access Management.
- Supported multiple projects of upgrading the E-business Release from 11i/12.0 to 12.2.x and fusion middleware
- Supported Oracle EBS implementation, Fusion Middleware and GRC Implementation Projects
- Onsite/Onshore lead for implementation/upgrade and managed support engagements
- Installed and supported Fusion Apps 11.1.5 (HCM and Financials) on internal servers for consulting teams' learning
- Performed managed support for various EBS Customers
- Performed APPS DBA tasks – includes Cloning, Patching, Troubleshooting, Performance Tuning, HRMS specific tasks
- Troubleshooting Oracle EBS Financials, HCM and SCM end-users' issues
- Building/upgrading Linux servers for Oracle applications and fusion middleware software
- Installation of Oracle Internet Application servers on Linux platform and configured OLM Content Server
- Performance tuning on 10g, 11g databases and 11i and R12 applications.
- Server building and administering the 24+ physical servers.

Client Projects

- **HID Global – Austin, TX ,Role: IAM support engineer.**
 - Identity Cloud Service (IDCS) - configure user & groups, Provisioning user automation via OIM connector, Setup trusted partner in IDCS for OAuth/SAML2 protocol, Enabled SSO with partner application
 - Oracle integration cloud
 - Oracle IC integration with EBS SOAP/REST gateway (ISG)
 - Oracle EBS SSO setup with IDCS using EBS asserter
 - Oracle EBS Application DBA Role
 - OID (Oracle internet directory) , OUD (oracle unified directory)
- **Kaiser Permanente – Pleasanton, CA, Working Remotely, Role: KPIM-HR integration**
 - Identity Cloud Service (IDCS) - configure user & groups, Provisioning user automation via OIM connector, Setup trusted partner in IDCS for OAuth/SAML2 protocol, Enabled SSO with partner application
 - Oracle Java Cloud (JCS) - Enabled SSO on JCS ADF application
 - Oracle HCM Cloud implementation
 - Oracle HCM BI Reports
 - Oracle HCM REST API
 - Oracle HCM ATOM API
 - OUD (oracle unified directory)
- **FORD – Remote , Role: Cloud DBA**

Oracle Cloud Services (IaaS, PaaS, DBCS, JCS). Installed & configured DBCS cloud databases , enabled data at rest using Transparent Data Encryption (TDE) on the databases, Installed & configured JCS (WebLogic) application server for custom application, Assisted with Securing the instance via SSL .

- **CareFusion (Subsidiary of Becton Dickinson) – Remote , Role: Cloud DBA**
Oracle Cloud Services (IaaS). Migrated in-house oracle EBS application 11i to Oracle cloud server (Oracle compute cloud service (IaaS) & Oracle Storage Cloud Services). Implemented data at rest using TDE, Migrated the SSL V3 to TLS protocol for HTTPS. Configured Secured VPN Using oracle Corente Services Gateway for private cloud. Configured Generic Routing Encapsulation (GRE) tunnel for Oracle Compute Cloud Service instances (virtual machines) to the Corente Services Gateway.
- **Zebra Technologies – Chicago, IL , Role: IAM support engineer.**
Oracle Identity and Security Management, PING access & federation . Implemented Oracle unified directory (OUD-Proxy) for Enterprise database authentication EUS for entire database farm, Integrated Oracle EBS R12 with Oracle Access manger (OAM) SSO & user provision from active directory to EBS. Migrated all application from SSL V3 to TLS protocol
- **Biogen –Boston, MA , Role: IAM support engineer.**
Oracle Identity and Security Management. Upgraded EBS to 12.2.5, Configured & implemented Oracle Access manger (OAM), Oracle Identity Manager (OIM). Implemented user authentication against Active Directory (AD) for oracle EBS, oracle BI, Oracle Agile, Oracle SOA. Created DIP profile for user provisioning. Created Custom adapters for user provision and network ID provisioning. Enabled Oracle EUS using OUD-Proxy for database user to facilitate SSO using LDAP.ORA file Oracle Application DBA Role: Upgraded EBS to 12.2.5, Assisted in Enabling SSO/SSL and middleware upgrades, SOA gateway configuration
- **BioMarin – Novato, CA, Role: IAM support engineer.**
Oracle Fusion Identity and Security Management. Oracle Identity Manager (OIM). Implemented user provisioning from Oracle HR EBS to MS AD / Exchange 2010 / EBS R12 / OID / DB /flat file. Created Custom adapters for Roles provision and email and network ID provisioning.

Remote Projects, Nashua NH, Role: Oracle Security Administrator

- **Suffolk Constructions –**
 - Oracle Apps DBA. Upgraded EBS to 12.2.5 and database to 12c
- **Experian –**
 - Oracle Fusion Identity and Security Management. Oracle Access manger (OAM), Oracle Identity Manager (OIM). Implemented user authentication against Active Directory (AD) for oracle EBS, oracle BI, Oracle Hyperion, Oracle SOA. Created DIP profile for user provisioning.
- **Mentor SAAS –**
 - Oracle Fusion Identity and Security Management. Installed & configured various oracle fusion middleware products. Provided Federation SSO solution EBS SAAS (ADFS / OIF/ OAM/ EBS R12).
- **UniFirst –**
 - Oracle Fusion Identity and Security Management. Oracle Identity Manager (OIM). Provided User provisioning and Role provisioning with EBS / AD / OBIEE. Implemented & configured SSO solution for the same
- **INC Research –**
Oracle Fusion Identity and Security Management. Installed & configured various oracle fusion middleware products. Implemented & configured Federation SSO solution on all various in-house products (ADFS / OIF/ OAM/ OBIEE/People Soft/ Web Center).
- **Iron Mountain –** Oracle Fusion Identity and Security Management 11g. Oracle Identity Manager (OIM). Provided User provisioning and Role provisioning with EBS / AD / OBIEE. Implemented & configured SSO solution for the same
- **INC Research –** Implementation of Oracle SOA Suite, WebCenter Suite and OBIEE with high availability configurations, Supported 2-year long project to implement SaaS based portal implementation that integrates with OBIEE and other applications with Oracle On-demand
- **McDonalds.com –** Oracle Fusion Identity and Security Management. Installed & configured various oracle fusion middleware products. Provided Federation SSO solution for their HR china EBS instance (ADFS / OIF/ OAM/ EBS R12).

- **Advantage Sales & Marketing** – Oracle Fusion Identity and Security Management. Installed & configured various oracle fusion middleware products. Provided Federation SSO solution for their HR china EBS instance (ADFS / OIF/ OAM/ EBS R12).
- **Tekelec** – Oracle Fusion Identity and Security Management. Oracle Identity Manager (OIM). Implemented user provisioning from Oracle HR EBS to MS AD / Exchange 2010 / EBS R12 / OID / DB /flat file. Created Custom adapters for Roles provision and email and network ID provisioning.
- **SiriusXM Radio** – Assisted Oracle EBS and HCM Upgrade from 11i to 12.1.3
- **McDonalds.com** – Fusion Middleware - Identity management server (IDM) 11g, configuring the EBS R12 instance, integration with Novell eDirectory & Novell Access Manager , Implemented OSSO for 3rd party apps
- **ABS Global Inc** – Plan & co-ordinate Server Migration for their Oracle Financial Env, Plan & co-ordinate Data Centre Migration for their Oracle Financial Env. Migrated their Database from 32 bit to 64 bit size OS. Upgrade their Oracle Financial 11.5.9 instance to 11.5.10.2
- **Iron Mountain** – Identity management server (IDM) 10.1.4, configuring the EBS 11i instance, integration with MS AD, implementation for 20,000 users , Implemented OSSO for 3rd party apps
- **Orange Lake Resorts** – Orange Lake Restores oracle HR irectruitment DMZ implementation.
- **Staples Inc** – Provided disk space analysis for a 4 Terabyte database running on EMC hardware, Upgraded the Database to new hardware with oracle tablespace model, Rearranged the data files for optimum performance and distributed IO across the 4TB storage, Cleaned the legacy tablespaces and tuned the database for ongoing reports.
- **SAAS (Mentor)** – Implemented Global SAAS HCM R12 multi-tenant instance. With RAC ASM and Data guard.
- **Gibraltar Industries** – Applications: R12 Implementation, RAC implementation, PCP configuration, Load Balancing, Virtual IP, Multi Node; Data Guard Implementation/planning/maintenance, Linux Installation and OS maintenance, SAN mounting and configuration;
- **DE-STA-CO** – Managed 2 Node RAC Oracle DB instances; Managed 2 Tier 11.5.9 EBS instance with PCP; Upgraded the existing EBS to 11.5.10.2.
- **University of Chicago Medical Center (UCMC)** – Identity management server (OIDM) 10.1.4, configuring the EBS 11i (115102) instance, integration with MS AD, implementation for 18,000 users
- **GENPAK Glen Falls** - Upgrade of application database from 11.5.8 to 11.5.10.2 and database from 9.2.0.6 to 10.2.0.4
- **Museum of Fine Arts** - Applications upgrade from 11.0.3 on HP –UX to Linux to 11.5.10.2 ;Delivered 1103 to 115102 upgrade; Provided database upgrade of database from 8.0.6 to 10.2.0.4;Delivered Platform migration from HP-UX to Linux RHEL (5.3)
- **Hertz Corporation** - Hertz OATM & DB (1.3 TB) upgrade, DB migration from Database from HP-UX (11.11) to HP Itanium (11.31) OS .Hertz SSO /OIDM / DMZ Implementation on R12 EBS.
- **General Dynamics** – Installed UPK (Oracle User Productivity Kit) 3.1.7;Installed the SQL server database; Installed and configured the multi user with the SQL server authentication ;Assisted in recording content and integrated with EBS 11i
- **Sleepys** – Delivered SSO/OID integration with MS Active Directory & EBS 11i on DMZ ;Installed OIDM server 1014 and configure the OID; Configured the OID synchronization with Microsoft Active directory; Configured Authentication to MS Active directory; Configured the external web tier and for iModules and enable with SSO
- **Sleepys** - Portal and OID migration from AIX to LINUX , Delivered Cross platform Migration / clone from AIX to Linux (Apps Tier migration); Performed Split Tier config with DB on AIX & APPS on Redhat Linux.
- **TMP ADCOMM** – Upgraded of application database from 11.5.9 to 11.5.10.2 and database from 9.2.0.6 to 10.2.0.3
- **Equal Logic** - Applications Install (R12) and Maintenance of all Oracle Application environments with Oracle Human Resources, Oracle Payroll, and Oracle Financials
- **IPC,NY** - Applications Install (REL 11.5.10) and Maintenance of all Oracle Application environments with Oracle Human Resources, Oracle Payroll, Oracle Financials, product life cycle . Implemented SSO with OID and 10g OSSO
- **Kollsman** - Applications upgrade from 11.0.3 on Sun Solaris to 11.5.10.2;Performed database upgrade of database from 8.0.6 to 9.2.0.7; Ran the adaimgr for performing the application database upgrade; Applied Maintenance pack to upgrade the database and applications from the base release of 11.5.10 to 11.5.10.2
- **Suffolk Constructions** - Upgraded of application database from 11.5.9 to 11.5.10.2 and database from 9.2.0.6 to 10.2.0.3

- **Questex Media Group** - Applications Install (REL 11.5.10) and Maintenance of all Oracle Application environments with Oracle Human Resources, Oracle Payroll, Oracle Financials
- **TMP** - Applications Install (REL 11.5.10) and Maintenance of all Oracle Application environments with Oracle Human Resources, Oracle Payroll, Oracle Financials
- **Sapient** - Upgraded of application database from 11.5.9 to 11.5.10.2 and change in character set from US7ASCII to UTF8
- **Travelport (Cendant groups)** - Project involves applying latest HRMS family packs to Applications 11.5.10 with Oracle Human Resources, Self Service
- **Wyndham Hotels (Cendant groups)**- Project involves applying latest HRMS family packs to Applications 11.5.10 with Oracle Human Resources, Self Service
- **Teradyne** - Converted database from an Enterprise Edition database to a Standard Edition database.
- **Jacobs** - HRMS Application installation (REL 11.5.10), Implementation support for Oracle Installed HR, iComp, Comp workbench, SSHR, HRI, iLearning, and OAB;

IT Orator Services Pvt. Ltd. (Training Institute), Bangalore, India

Jan 2004 - October 2005

- Worked as a Core DBA , Trainee in Database Administrator

Education

| Institution | Degree |
|---|--------|
| Oracle 9i OCA Certified DBA | 2004 |
| Bachelor of Engineering, VT University, India | 2003 |